

Indexes to Volume 50

SUBJECT INDEX

General and Mathematical Physics

- Finite temperature Cornwall–Jackiw–Tomboulis formalism of Φ^6 theory
K P Satheesh and K Babu Joseph 133–148
- Correlation between zeroes and poles of S matrix for complex potentials
I Jamir, E F P Lyngdoh and C S Shastry 271–280
- Universal inaccessibility principle *Anil A Bhalekar* 281–294
- On the construction of an extended thermodynamic framework for irreversible processes
Anil A Bhalekar and Leopoldo S García-Colín 295–305
- Frictional trajectories near a barrier: A dissipationless Newtonian approach
V J Menon, N Chanana and Y Singh 333–343

Relativity, Gravitation and Cosmology

- Relativistic fluid sphere on pseudo-spheroidal space-time
Ramesh Tikekar and V O Thomas 95–103
- Causal dissipation in Robertson–Walker cosmological models
J P Singh, A Prasad and R K Tiwari 105–108
- Particle production in curved space-time *N G Sarkar and S Biswas* 109–131
- Schwarzschild black hole with global monopole charge
Naresh Dadhich, K Narayan and U A Yajnik 307–314

Particle Physics

- Spin observables of the NN interaction in a relativistic harmonic model with confined gluons and mesons *K B Vijayakumar and S B Khadkikar* 149–153
- Ratio of the color suppressed decays $\Lambda_b \rightarrow \Lambda J/\psi$ and $B^0 \rightarrow KJ/\psi$
A K Giri and R Mohanta 155–162
- Triviality bound on lightest Higgs mass in next to minimal supersymmetric model
S R Choudhury, Mamta and Sukanta Dutta 163–171
- Approximate fixed- ρ solution of ‘sea-quark’ evolution equation at small- x and HERA *A Saikia* 315–321
- Weak radiative decay $\Lambda_b \rightarrow \Lambda \gamma$ in the heavy quark effective theory
A K Giri and R Mohanta 323–331

Nuclear Physics

- Absence of neutron emission during interaction of deuterium with metal at low energies
A Shyam and T C Kaushik 75–83